

CLAIMS

1. A system (D) for managing the display of images representing network equipments (NE) of a communication network, said system including elements associated with hierarchical levels, and said system being characterized in that each equipment element is associated with a set of primary data stored in a memory (MM) which represents it within the level to which it belongs with no specific attachment to a level higher than itself and/or at least one set of secondary data stored in said memory (MM) which represents it within the level to which it belongs when it is attached to a level higher than or equal to its own, and in that it includes management means (GM) adapted, in the event of receiving a request designating a chosen level of a network equipment (NE) with or without attachment, to access said sets of primary and secondary data in order to extract from the memory the sets of primary or secondary data of the elements of the equipment that belong to said designated level and to levels lower than it, according to whether said level is designated with or without attachment.
2. A system according to claim 1, characterized in that said management means (GM) are adapted to send the extracted sets of primary or secondary data to a graphical interface (G).
3. A system according to claim 1, characterized in that some elements are associated with sets of primary and secondary data that are at least partly identical.
4. A system according to claim 1, characterized in that said management means (GM) are adapted to refresh the data of elements displayed in the event of receiving a message reporting that an event relating to said elements has occurred within the network.
5. A management server (S) of a communication network management system, characterized in that it includes a management system (D) according to any one of claims 1 to 4.
6. A server according to claim 5, characterized in that said management system (D) is installed in a control system (CM).
7. Use of the management system (D) and the server (S) according to any one of the preceding claims in the network technologies requiring to be managed.
8. Use according to claim 7, characterized in that said network technologies are chosen in a group comprising transmission networks, in particular WDM, SONET

and SDH networks, data networks, in particular Internet-IP and ATM networks, and voice networks, in particular conventional, mobile and NGN networks.